

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Newport  
Brunswick Entrance Channel

DAILY REPORTDate: 03 20 199 Loads: 302-308Area(s) Worked: -21+000 to -31+000 + 16+500 to 20+000Weather Conditions: p. cloudy, wind NE 10-15 Kts seas 1-3'Range of H<sub>2</sub>O Temperature: Surface 59° F Below Mid-Depth 59° FCondition of all screening apparatus: goodAre there incidents involving endangered or protected species? Yes X No \_\_\_\_\_

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

Load #304- Sub-adult Caretta caretta recovered from STBD inflow Fresh Kill. As this was turtle #5, work has stopped except in the Cedar Hammock Range (+16 to +20)

Other biological samples include: sea whips, whelk egg cases, jelly fish, sponges, bryozoans, sea pork, horse shoe crab, flounder.

Other debris included spartina, wood cloth, plastic + tin.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
SCAUP	1	200-300	rafts of ducks regularly in channel

Observer(s) On Duty: Kirsten Dahlen + Jen Gratzke

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Newport  
Brunswick Entrance Channel

WEEKLY SUMMARYDates: 03 / 14 / 99 - 03 / 21 / 99Loads: 251 - 314Range of H<sub>2</sub>O Temperature: Surface 57 - 60° F Below Mid-Depth 57 - 60° FArea(s) Worked: -21 to 00 to -31 to 00 and +16 +500 to +20 to 00Are there incidents involving endangered or protected species? Yes X No \_\_\_\_\_

Comments:

Load #269- very decomposed Caretta caretta in port inflow box. No scutes, paling or skin + strong odor. Rear flippers + 1/3 carapace.

Load #288 very decomposed Caretta caretta head, fore flippers + part of carapace in port inflow box. Size, species, state of decay + dig site all suggest this is the rest of the Ca from load #269.

Load #289 rear flippers + 1/2-2/3 carapace of juvenile Caretta caretta recovered from STBU overflow. Fresh kill. Muscle reflex still evident.

Load #304 90% of sub-adult Caretta caretta recovered from STBU inflow box. Fresh kill.

The fact that the Ca in load #289 was recovered from the STBU overflow screen suggests that inflow screening either needs to be higher or have screening on top to prevent the loss of turtle remains.

Other biological samples include: jellyfish, horse shoe crabs, sea park, spider crabs, sea whips, sponges, blue crabs, un-id'd fish, mantis shrimp + pink shrimp.

Other debris includes wood, plastic, cloth + metal + spartina.

Dredged material is silt, mud + sand with some clay.

Following the Ca take in load #304, dredging has stopped except in the Cedar Hammock Range. (+16 +500 to +20 to 00)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE	3	12	
Scallop	1	200-300	Raft of ducks outside channel
Un id'd turtle	1	1	probably Ca, seen by drag tender

Observers On Duty: Kirsten Dahler, Mary Hart + Jen Gatchie